(c) whether this gas crunch is also affecting the financial closure of a number of gas-based power projects?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) Yes, Sir. The private as well as public sector gas based power plants are facing acute shortage of gas. During the year 2005-2006 against the normative requirement of gas (for operation of gas power plants at 90% PLF) of 52.66 Million Metric Standard Cubic Meter per day (MMSCMD), the average supply was only 35.37 MMSCMD which was adequate for operation of the plants at about 60% PLF.

(b) There has been a marginal decline in gas production of ONGC over the last few years due to ageing of fields, majority of which have entered the natural decline phase.

NTPC Ltd., in the process to tie-up fuel for its Kawas and Gandhar Combined Cycle Power Project Stage-II, had issued Letter of Intent on M/s Reliance Industries Ltd., which was accepted by them. Subsequently, after series of discussion M/s RIL offered commencement of gas supplies in the time window between December, 2007 to December, 2008. NTPC Ltd., however, requested M/s RIL to expedite commencement of gas supplies from the end of 2006/early 2007.

(c) Many proposals for gas based power plants which were planned for commissioning during the last year of Tenth Plan and in the beginning of Eleventh Plan have been delayed due to non-tie up of gas availability. These projects could, therefore, not achieve financial closure.

Status of power projects in Andhra Pradesh

3121. SHRI C. RAMACHANDRAIAH: Will the Minister of POWER be pleased to state:

(a) the number of power projects under construction in Andhra Pradesh;

(b) the amount allocated to each project by Union Government and State Government;

(c) the time frame by which the projects are likely to be started and completed;

(d) the additional capacity that has been generated so far in the Tenth Five Year Plan against the target of 41,000 MW;

(e) if so, the reasons for the dismal performance in the capacity addition;

(f) the break up of additional capacity added in the First Year of the

Tenth Five Year Plan, sector-wise and State-wise, particularly Andhra Pradesh; and

(g) the road-map to realize the Tenth Five Year Plan target?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) to (c) Six (6) Nos. of thermal projects having an aggregate capacity of 2466 MW and two (2) Nos. of Hydro projects aggregating to 284 MW are under construction in Andhra Pradesh. Details of these thermal & hydro power projects, indicating their estimated cost, likely date of starting/completion etc., are given in the Statement-I. (*See* below)

(d) and (e) The capacity addition target at the time of mid term appraisal of Tenth Plan has been set as 36955 MW. So far, 47 generation projects with capacity of 14342.24 MW have already been completed and another 19682 MW worth projects are being monitored for completion during the remaining period of Tenth Plan. In addition, about 4210 MW of captive plants are also expected during Tenth Plan, which includes about 2340 MW already commissioned. Out of the target of 36955 MW, now anticipated capacity addition is 34024 MW. The slippage have been mainly on account of delay in investment decision for gas based projects, mainly of National Thermal Power Corporation Ltd. due to non availability of gas.

(f) The details of generation capacity added during the year 2002-2003 are given in Statement-II. (*See* below)

(g) Steps being taken by the Government to achieve capacity additions targets are as under:

(i) Monitoring mechanism has been strengthened. Project, specific coordinators identified in Central Electricity Authority for expediting and assistance of project authorities.

(ii) Review meetings are held with project authorities for identifying bottlenecks and taking corrective measures.

(iii) Visits are made by officers to the various projects under construction and various bottlenecks are identified and solution thereof are decided in consultation with the project authorities. In addition, high level meetings are held for major projects with the State authorities.

(iv) Meetings are held with major equipment suppliers and other major contractors executing the major works of dam, head race tunnel, power house etc. for solving the major constraints delaying the execution of the projects at project site/their works.

(vi) Regular review meetings are held with Central PSUs; BHEL, project authorities.

Statement-I

Generation Power Projects under construction in Andhra Pradesh

Sl. No.	Name of the Project	Estimated Cost (Rs. in Crore)	Anticipated date of start	Anticipated date of commissioning
	HYDRO PROJECTS			
	State Sector			
1	Priyadarshini Jurala HEP 6x39 MW	547	28.04.2004	31.3.2008
2	Nagarjuna Sagar Tail Pool Dam HEP 2x25 MW	357	29.5.2005	2009-10
	THERMAL PROJECT			
	State Sector			
3	Bhoopalpally, U-1, 500 MW	2100	9.11.2005	Aug. 2008
4	Rayalseema TPS II, U-3&4, 2x210MW	1640	27.2.2004	July, 2006 (U-4) and Oct. 2006 (U-5)
5	Vijayawada TPP IV U-I, 500MW	2100	5.8.2005	August, 2008
	Private Sector			
6	Gautami CCPP, GT-1&2 and ST, 2x145+174MW	1450	29.3.2004	GT-1 &2=July, 2006 ST=Sept., 2006
7	Konaseema CCPP, GT 1&2+ST, 2x140+165MW	1383	27.2.2004	GT-1&2=May, 2006 ST=August, 2006
8	Vemagiri CCPP, ST, 137 MW	1043(520MW)	10.12.2003	ST=May, 2006

Statement-II

Details of capacity addition during the year 2002-03

Sl. No.	Name of the Project/ Executing Agency	No. of unt size=Capacity (MW)	Unit No.	Capacity addition (MW)
1	2	3	4	5
	THERMAL			
	Central Sector			
1	Simhadari TPP, NTPC, Andhra Pradesh	500	1	28.4.2002
2	Talcher STPS II, NTPC, Orissa	500	3	4.1.2003

1	2	3	4	5
3	Neyveli TPS I Exp., NLC, Tamil Nadu	210	1	21.10.2002
	State Sector			
1	Pragati CCPP< GT2+ST Delhi	225.78	GT2+ST	GT-2=9.11.2002 ST=31.01.2003
2	Raichur TPS 7, Karnataka	210	7	10.12.2002
3	Leimakhong DGPP, Manipur	18	DG-4 to 6	DG-4=10.4.2002 DG-5=16.4.2002 DG-6=12.4.2002
4	Ramgarh CCPP-II, Rajasthan	75.32	GT2+ST	GT-2=7.8.2002 ST=31.3.2003
5	Valuthur CCPP, Tamil Nadu	94	GT+ST	GT=24.12.2002 ST=13.3.2003
6	Baramura GT, Tripura	21	GT-4	27.11.2002
7	Rokhia GT-7, Tripura	21	GT-7	11.7.2002
	Private Sector			
1	Bambooflat DGPP, A&N Islands	20	DG-1 to 4	DG-1=1.2.2003 DG-2=15.6.2002 DG-3=1.2.2003 DG-4=15.6.2002
2	Peddapuram CCPP, Andhra Pradesh	78	ST	12.9.2002
3	Neyveli Zero TPP, Tamil Nadu	250	1	11.10.2002
		2223.11		
	HYDRO			
	Central Sector	Nil		
	State Sector			
	Madhya Pradesh			
1	Bhansagar Tonis (Ph-III) MPPGCL	3x20=60 MW	3	20
2	Bhansagar Tons (Ph-II) MPPGCL	2x15=30 MW	2	15
	Andhra Pradesh			
1	Srisailam LBPF A.P./APGENCO	6x150=900 MW	4&5	300
	Gujrat			
1	Sardar Sarovar CHPH Gujarat/SSNNL	5x50=250 MW	2&3	100
	Private Sector			
	Himachal Pradesh			
1	Baspa-II H.P./JP	3x100=300 MW	1&2	200
			Total = 635 MW	
	Grand Total (Thermal and Hydro)		Total 2858.1 MW	